

**DECLARATION AND POWER OF ATTORNEY FOR  
PATENT APPLICATION**

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**CARRIER HOLDING MICRO-SUBSTANCES, SYSTEM SUSPENDING  
SUCH CARRIERS APPARATUS FOR MANIPULATING SUCH CARRIERS  
AND METHOD OF CONTROLLING POSITIONS OF SUCH CARRIERS**

the specification of which: (check one)

\_\_\_\_\_ is attached hereto.

  X   was filed on December 9, 1998  
under Attorney's Docket Number 10287.29  
as Application Serial No. 09/202,229

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate on the invention listed below and have also identified below any foreign application for patent or inventor's certificate on the invention having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application</u>			<u>Priority Claimed</u>	
<u>PCT/JP97/01962</u>	<u>JAPAN</u>	<u>09/06/97</u>	<u>X</u>	
(Number)	(Country)	(Day/Month/Year)	(Yes)	(No)

<u>Prior Foreign Application</u>			<u>Priority Claimed</u>	
<u>8-147574</u>	<u>JAPAN</u>	<u>10/06/96</u>	<u>X</u>	
(Number)	(Country)	(Day/Month/Year)	(Yes)	(No)

POWER OF ATTORNEY: As a named inventor, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Jeffrey M. Becker	Reg. No. 35,442	Michael Balconi-Lamica	Reg. No. 34,291
James R. Bell	Reg. No. 26,528	Todd Mattingly	Reg. No. 40,298
Michael S. Bush	Reg. No. 31,745	David L. McCombs	Reg. No. 32,271
Randall E. Colson	Reg. No. 40,566	David M. O'Dell	Reg. No. 42,044
Michael A. Davis, Jr.	Reg. No. 35,488	Phillip B. Philbin	Reg. No. 35,979
Ruben C. DeLeon	Reg. No. 37,812	Brandi W. Sarfatis	Reg. No. 37,713
Timothy Headley	Reg. No. 31,765	David O. Simmons	Reg. No. 43,124
Rita M. Irani	Reg. No. 31,028		
Warren B. Kice	Reg. No. 22,732		

Send correspondence to David L. McCombs, Haynes and Boone, L.L.P., 3100 NationsBank Plaza, 901 Main Street, Dallas, Texas 75202-3789 and direct all telephone calls to David L. McCombs at 214/651-5533.

---

FULL NAME OF INVENTOR: Hideji TAJIMA

INVENTOR'S SIGNATURE: Hideji Tajima DATED: July 6, 1999

RESIDENCE: 1843-1, Yanoguchi, Inagi-shi, Tokyo 206 JAPAN

CITIZENSHIP: Japanese

POST OFFICE ADDRESS: 1843-1, Yanoguchi, Inagi-shi, Tokyo 206 JAPAN

---

FULL NAME OF INVENTOR: Yoshiro OKAMI

INVENTOR'S SIGNATURE: Yoshiro Okami DATED: July 9, 1999

RESIDENCE: 18-14, Den enchofu 4-chome, Ota-ku, Tokyo 145 JAPAN

CITIZENSHIP: Japanese

POST OFFICE ADDRESS: 18-14, Den enchofu 4-chome, Ota-ku, Tokyo 145 JAPAN

---

ASSIGNMENT

WHEREAS, WE,

- (1) Hideji Tajima of Tokyo  
JAPAN
- (2) Yoshiro Okami of Tokyo  
JAPAN

have invented certain improvements in

CARRIER HOLDING MICRO-SUBSTANCES, SYSTEM SUSPENDING SUCH CARRIERS APPARATUS FOR  
MANIPULATING SUCH CARRIERS AND METHOD OF CONTROLLING POSITIONS OF SUCH CARRIERS

and filed a United States patent application therefor on the following date(s):

- (1) December 9, 1998, Serial Number 09/202,229

WHEREAS, PRECISION SYSTEM SCIENCE CO., LTD a Japanese Corporation having a place of business at 1843-1 Yanoguchi, Inagi-shi, Tokyo, 206 JAPAN (hereinafter called ASSIGNEE), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to ASSIGNEE its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to ASSIGNEE its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

Signed and sealed:

- (1) Full Name of Inventor: Hideji Tajima

Signature of Inventor: Hideji Tajima

Date of Execution: July 29, 1999

- (2) Full Name of Inventor: Yoshiro Okami

Signature of Inventor: Yoshiro Okami

Date of Execution: July 29, 1999



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 26, 1999

PTAS

HAYNES AND BOONE, LLP  
WARREN B. KICE  
901 MAIN STREET  
SUITE 3100  
DALLAS, TX 75202



\*101127365A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/23/1999

REEL/FRAME: 010184/0914  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TAJIMA, HIDEJI

DOC DATE: 07/29/1999

ASSIGNOR:

OKAMI, YOSHIRO

DOC DATE: 07/29/1999

ASSIGNEE:

PRECISION SYSTEM SCIENCE CO., LTD  
1843-1 YANOBUCHI  
INAGI-SHI  
TOKYO, JAPAN 206

SERIAL NUMBER: 09202229  
PATENT NUMBER:

FILING DATE: 07/26/1999  
ISSUE DATE:

MAYA BENNETT, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

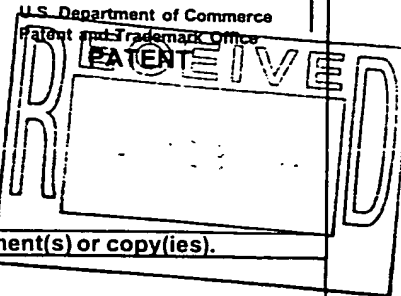
FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

08-26-1999



101127365

# RECORDATION FORM COVER SHEET PATENTS ONLY



TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

## Submission Type

☒ New

☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel #

Frame #

☐ Corrective Document

Reel #

Frame #

## Conveyance Type

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

U.S. Government  
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File

☐ Secret File

## Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Hideji Tajima

Execution Date  
Month Day Year  
07/29/99

Name (line 2)

## Second Party

Name (line 1) Yoshiro Okami

Execution Date  
Month Day Year  
07/29/99

Name (line 2)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Precision System Science Co., LTD

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 1843-1 Yanoguchi

Address (line 2) Inagi-shi

Address (line 3) Tokyo

JAPAN

206

City

State/Country

Zip Code

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Warren B. Kice

Address (line 1) Haynes and Boone, LLP

Address (line 2) 901 Main Street

Address (line 3) Suite 3100

Address (line 4) Dallas, Texas 75202

## FOR OFFICE USE ONLY

08/25/1999 MTHAIL 00000352 09202229

01 FC:581

40.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

d679548.1

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

PCT

PCT

PCT

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Warren B. Kice, Registration No. 22,732

Name of Person Signing

Signature

Date